

Hifax TYC852P E

Polyolefin

LyondellBasell Industries

Technical Data

Product Description

TYC852P E is a low CLTE, high fluidity, high impact grade designed to be used for unpainted exterior automotive parts

General

Features	<ul style="list-style-type: none"> • Good Dimensional Stability • High Flow 	<ul style="list-style-type: none"> • High Impact Resistance • High Rigidity 	<ul style="list-style-type: none"> • High Stiffness • Low CLTE
Uses	<ul style="list-style-type: none"> • Automotive Applications 		
Forms	<ul style="list-style-type: none"> • Pellets 		
Processing Method	<ul style="list-style-type: none"> • Injection Molding 		

Physical	Nominal Value Unit	Test Method
Density	1.06 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30 g/10 min	ISO 1133

Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Yield, 23°C)	20.0 MPa	ISO 527-2/50
Flexural Modulus (23°C)	2000 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength		ISO 180/1A
-40°C	3.5 kJ/m ²	
23°C	35 kJ/m ²	